



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>												
Lined MSWLF		LCID	<b>X</b>	YW		Transfer		Compost		SLAS		<b>COUNTY: WAYNE</b> <b>PERMIT NO.: 96-01</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF	<b>X</b>	HHW		White goods		Incineration		T&P		FIRM		
CDLF	<b>X</b>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** 4/25/13

**Date of Last Inspection:** 1/3/13

**FACILITY NAME AND ADDRESS:**

Wayne Co. CDLF  
 460-B South Landfill Rd  
 Dudley, North Carolina 28333

**GPS COORDINATES:** N: 35.29650 W: 78.07050

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Tim Rogers, Solid Waste Director (919) 689 2994  
 Tim.Rogers@waynegov.com

**FACILITY CONTACT ADDRESS:**

Same as above

**PARTICIPANTS:**

Wes Hare, NCDENR - Solid Waste Section  
 Dennis Shackelford, NCDENR - Solid Waste Section  
 Ming-Tai Chao, NCDENR - Solid Waste Section  
 Christine Ritter, NCDENR - Solid Waste Section  
 Jessica Montie, NCDENR - Solid Waste Section

Jason Watkins, NCDENR - Solid Waste Section  
 Tim Rogers, Director, Wayne Co. SW  
 Randy Rogers, Asst. Director, Wayne Co. SW  
 Joan Snider, Wayne Co. SW

**STATUS OF PERMIT:**

Permit To Operate (PTO) Phases 1 & 2 was issued August 27, 2012 and expires August 27, 2017.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

Not Applicable

**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**ADDITIONAL COMMENTS**

General

1. This inspection was conducted by a Comprehensive Landfill Audit Team.
2. The service area for waste processing and disposal at this facility is Wayne County.
3. The site is open from 7am to 5:30pm Mon., Tue., Thur., and Fri.; 7am to 5pm on Sat.; closed Sun. and Wed.
4. The facility accepts approximately one hundred tons of C&D waste per day.

Documentation

1. The permit, operations plans, contingency plans, closure plans, recordation documents, sampling reports and documentation, financial assurance, staff training, and site drawings were available, in various formats, for review. It is recommended to have a printed copy of the approved permit application.
2. Financial Assurance documents indicate closure, post-closure, and corrective action cost estimates of \$2,192,426, \$1,311,611, and \$3,000,000, respectively.
3. Operators' certifications on file are as follows:
  - Randy Rogers- Certified Landfill Manager, exp. 5/6/14
  - Ricky Wood- Certified Landfill Operations Specialist, exp. 10/25/15
  - Delmus J. Cox- Certified Landfill Operations Specialist, exp. 10/25/15
  - Donald A. Tolman- Certified Landfill Operations Specialist, exp. 10/25/15
  - Howard Kostelecky- Certified Landfill Operations Specialist, exp. 10/25/15
  - J. Roger Combs- Certified Landfill Operations Specialist, exp. 10/25/15
  - James Johnnie Best- Certified Landfill Operations Specialist, exp. 10/25/15
  - Dennis G. Kidd, Jr.- Certified Landfill Operations Specialist, exp. 10/25/15
4. The PTO has been recorded with the Wayne County Register of Deeds, specifically Book 3012, pages 688-711.
5. The existing and valid air quality permits for both the Landfill Gas Collection and Control System (LFGCCs) & Landfill Gas to Energy System (LFGTE) systems are available in the operating record. (In compliance with the Permit Condition No. 45, Attachment 3 of the PTO (Doc ID 16640) & the Permit Condition No. 34, Attachment 3 of the PTO (Doc ID 13553).
6. C&D cover logs were dated, but no time was noted. Times are required to be listed in these records.
7. Water Quality Sampling and Analysis Plan for 9601-CDLF-1997 were noted in the files. Semi-annual groundwater monitoring reports were noted back through 2011. A disc for the Corrective Action Evaluation Report (CAER) for the CDLF was furnished, but no hard copy was on file. Please keep a hard copy of the CAER with the other monitoring plans and reports.
8. Waste screening records are being kept, as required, with no issues noted.

Facility Grounds and Structures

1. The facility is fenced and gated to prevent unauthorized entry.
2. Signs are posted and contain all required information.
3. The top and side slopes are being maintained so as to provide positive drainage of stormwater. There were several areas where seeding is occurring, thereby maintaining adequate groundcover. Other newly disturbed areas of soil cover are scheduled for seeding.
4. Edge-of-Waste markers are being maintained on the C&D and Closed MSW areas.
5. The C&D working face is kept small, with soil cover stockpiled nearby. No unapproved waste types were observed.
6. The LCID disposal area will need to have edge-of-waste markers installed. Also, the facility and operation plan drawings need to be updated to reflect the waste handling operations within this area.
7. The County must submit a copy of the as-built drawings of the previously approved leachate outbreak remediation project ("Impounded Water and Leachate Removal Plan" dated October 05, 2012 Doc ID 11741) including the leachate collection well, discharge piping layout, and pumping system.
8. The following observations for the monitoring wells were noted:

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- A total of eleven monitoring wells comprise the approved groundwater monitoring well network for the facility and are labeled MW-1 through MW-11. However, a well with steel casing was observed with a well ID plate and labeled MW-12. Steel casing and concrete pad were observed. There was no lock on the steel casing and after lifting open top of the casing, no PVC was observed inside. This monitoring well needs to be properly abandoned consistent with 15A NCAC 2C .0113(b).
- MW-1 (background)- Concrete pad is buried and grass around steel casing appears to be sprayed/killed with chemicals. Well is adjacent to and easily accessed from the adjacent church property.
- MW-5- A large tree has fallen on/near the well thereby limiting access.
- MW-7- Concrete pad is cracked. An open hole was observed adjacent to the well 24" deep and 4-6" diameter should be plugged.
- Two piezometers located between MW-2 and MW-11 were observed and labeled as "PA" and "PB"; need to clarify function of wells and abandon if appropriate.
- Eighteen landfill gas monitoring wells, MP-1 through MP-18, were described in the approved permit application for continued operations and listed in the August 2012 PTO. However, during inspection of the CDLF, five landfill gas monitoring probes were not observed/identified: MP-2, MP-3, MP-8, MP-16, and MP-18. County staff confirmed that these five landfill gas monitoring probes do not exist. Please replace these monitoring probes as soon as practical and submit a report when complete.



LCID processing area ^



Soil cover and slope stabilization ^



C&D working face ^ >



Please contact me if you have any questions or concerns regarding this inspection report.

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Electronic Signature

Phone: 910.796.7405

Wes Hare  
Environmental Senior Specialist  
***Regional Representative***

Sent on: 5/14/13	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No.
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Copies:

- \* Dennis Shackelford, Eastern District Supervisor
- \* Jessica Montie, Compliance Officer
- \* Ming-Tai Chao, Permitting Engineer
- \* Christine Ritter, Permitting Hydrogeologist
- \* Jason Watkins, Western District Supervisor